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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/444,356	11/18/1999	DAVID P. CATANOSO	2138-991562	8537
7590	10/02/2003		EXAMINER	
JOHN MCILVAINE WEBB ZIESENHEIM LOGSDON ORKIN & HANSON 700 KOPERS BLDG 436 SEVENTH AVENUE PITTSBURGH, PA 152191818			WONG, ALLEN C	
			ART UNIT	PAPER NUMBER
			2613	
			DATE MAILED: 10/02/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/444,356	CATANOSO, DAVID P.	
<b>Examiner</b>		<b>Art Unit</b>	
Allen Wong		2613	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on 30 June 2003.
- 2a) This action is FINAL.                  2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 1-4,6-12 and 16-25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-4,6-12 and 16-25 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
 If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
 a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- |   |  |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ . |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)            | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____. . | 6) <input type="checkbox"/> Other: _____ .                                   |

## DETAILED ACTION

### ***Response to Arguments***

1. Applicant's arguments filed 6/30/03 have been fully read and considered but they are not persuasive.

Regarding the bottom paragraph of page 6 of applicant's remarks, applicant states that claim 1 now discloses sensors that are located outside of the computer and that Sonesh does not disclose this limitation. The examiner respectfully disagrees. Claim 1 does not specifically identify whether the sensors are located outside or inside the computer. Sonesh does disclose a "sensor", where the camera 309 in figure 3, or camera 409 in figure 4, are considered as sensors because a camera senses images. Thus, a camera can be broadly interpreted as a sensor.

Regarding the bottom paragraph of page 7 to page 8, the applicant believes claim 12 is patentable for the same reasons as claim 1. The examiner respectfully disagrees. The examiner maintains his stance on claim 12, where the use of a printer in a computer is a standard accessory that can be added for convenience for printing displayed information. Further, if one is not convinced, then one can quickly peruse Weiss (US 5,611,730), in column 7, lines 25-27. Also, Kraft's (US 5,682,301) figure 1 teaches that a printer is connected to a printer (col.2, ln.49-53). Clearly, it is well known to one ordinary skilled in the art to use a printer in a computer for conveniently printing displayed information. Moreover, it is notoriously well known in the art to use a printer in a computer as a standard accessory that can be added for convenience for printing displayed information, and that one can purchase a standard printer anywhere, ie. Best

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Buy, CompUSA, or other retail stores, to plug into a computer for printing displayed information.

Also, claim 12 is rejected for the same reasons as above for claim 1.

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1-4, 6-11, 17-19 and 21-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Sonesh (6,046,762).

Regarding claim 1, Sonesh discloses a video production system, comprising:  
a capture workstation containing a first video capture card and a first media control interface card (fig.1, note “Agent Workstation” can be considered the capture workstation, and fig.3 specifically describes the agent workstation, where the first video capture card 305 and the first media control interface card 304, and also element 302 is linked to the network and the internet 311 via element 301);

at least one video source, electronically linked to the first capture card (fig.3, element 309);

at least one first monitor, electronically linked to the first media control interface card (fig.3, note monitor 306 is electronically linked to first control media control interface 304);

a network hub, electronically linked to the capture workstation (fig.1, note element 113, the "Internet", is connected to ACD computer which is connected to various network links like elements 111 and 112, and these elements permit the linkage of the "Agent Workstation", ie.capture workstation, and the "Remote Agent Workstation", ie.playback workstation);

a playback workstation, containing a second video capture card and a media control interface card, the playback workstation being electronically linked to the network hub (fig.1, note "Remote Agent Workstation" can be considered the playback workstation, and fig.4 specifically describes the remote agent workstation, where the second video capture card 405 and a second media control interface card 404, and also element 402 is linked to the network 411);

at least one second monitor, electronically linked to the second media control interface card (fig.4, note second monitor 406 is linked to second media control interface card 404);

at least one device for the production of video materials, electronically linked to said second video capture card (fig.4, element 409 is a video camera or a video production device that is linked to the second video capture card 405); and

an input connection and an output connection electronically linked to the capture workstation, wherein the input connection is configured to receive a first signal from a sensor and the output connection is configured to transmit a second signal to an external device (fig.1, note “Agent Workstation” can be considered the capture workstation, and fig.3 specifically describes the agent workstation, where the first video capture card 305 and the first media control interface card 304, and also element 302 is linked to the network and the internet 311 via element 301, where input connection has the camera 309, which can be considered a sensor since it can sense and obtain image data, and the output connection can be a network adapter 302, the internet 311, and the monitor 306 since the data can be transferred to an external device, where monitor element 306 is an external device).

Note claim 19 has similar corresponding elements.

Regarding claims 2, 17 and 21, Sonesh discloses the switching devices between the at least one video source and the first capture card (note fig.3, CPU 301 communicates via bus 310 where the CPU acts as the switching device for interactively communicating with elements 302-309 and 311). Further, since Sonesh’s figure 3 discloses the interactivity of the CPU with the other essential elements 302-309 and 311, clearly, the CPU 301 has sensors for permitting the interactivity of the CPU with the other elements 302-309 and 311, where the audio device 308 and the video device 309 can be the switching devices from among other devices.

Regarding claim 3, Sonesh discloses the digital to analog converter at the capture workstation (Sonesh must disclose the digital to analog converter for display).

Regarding claim 4, Sonesh discloses the manual controls at the capture workstation (fig.3, element 307 has a keyboard and mouse for permitting manual controls).

Regarding claim 6, Sonesh discloses the playback workstation has a modem (fig.4, element 402).

Regarding claims 7 and 10-11, Sonesh discloses the network connection of the video production system with a network hub (fig.1, element 113 is a network and that the ACD multimedia element 110 serves as a central connection, also note that both agent workstation and remote agent workstation have network connections).

Regarding claim 8, Sonesh discloses a first monitor, a first keyboard and a first mouse electronically linked to the capture workstation (fig.3, note elements 306-307) and a second monitor, a second keyboard and a second mouse electronically linked to the playback workstation (fig.4, note elements 406-407).

Regarding claim 9, Sonesh inherently discloses a backup power supply otherwise the system would not function.

Regarding claims 18 and 22 and 24-25, Sonesh discloses the insertion of prerecorded video clips on the video media (see fig.1, col.9, ln.34-62, and note fig.4 is the remote agent workstation that is also considered as the playback workstation, where the prerecorded video clips and images are stored in the computer 401 where it can be stored harddisk, standard storage devices, etc.).

Regarding claim 23, Sonesh discloses receiving plural inputs from the plurality of cameras (fig.1, Sonesh discloses plural video cameras that can capture plural images at

the remote agent workstation, one can receive plural video recorded data since each station has a video camera).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over (6,046,762).

Regarding claim 12, the Examiner takes Official Notice. The use of a printer in a computer is a standard accessory that can be added for convenience for printing displayed information. Further, if one is not convinced, then one can quickly peruse Weiss (US 5,611,730), in column 7, lines 25-27. Also, Kraft's (US 5,682,301) figure 1 teaches that a printer is connected to a printer (col.2, ln.49-53). Clearly, it is well known to one ordinary skilled in the art to use a printer in a computer for conveniently printing displayed information.

5. Claims 16 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sonesh (6,046,762) in view of Lacombe (5,309,144).

Regarding claims 16 and 20, Sonesh does not specifically disclose the use of wherein the sensor is one of a proximity sensor, a limit switch, and/or a distance sensor. However, Fujii teaches the use of wherein the sensor is one of a proximity sensor, a limit switch, and/or a distance sensor (col.2, ln.60 to col.3, ln.3 and col.4, ln.37-42).

Therefore, it would have been obvious to one of ordinary skill in the art to combine the teachings of Sonesh and Lacombe as a whole for providing an inexpensive, practical, precise, robust means of intrusion detection in security and surveillance applications (col.3, ln.35-44).

***Conclusion***

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Allen Wong whose telephone number is (703) 306-5978. The examiner can normally be reached on Mondays to Thursdays from 8am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Kelley can be reached on (703) 305-4856. The fax phone

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number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

Allen Wong  
Examiner  
Art Unit 2613

AW  
9/22/03



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